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JP11239134A2:DISTRIBUTED MEDIA
TRANSMISSION SYSTEM

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Country: **JP** Japan

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Kind:

Inventor(s): **BUSHMITCH DENNIS**

Applicant(s): **MATSUSHITA ELECTRIC IND CO LTD**

No

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Issued/Filed Dates: **Aug. 31, 1999 / Oct. 28, 1998**



Application Number: **JP1998000306748**

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IPC Class: H04L 12/18; H04H 1/00; H04L 12/56; H04M 3/00; H04N 7/173;

Priority Number(s): **Oct. 30, 1997 US1997000960799**



Abstract:

Problem to be solved: To provide a distributed media transmission system which can communicate multimedia data, such as the media selected matters, audios and/or videos, etc., in real time in high qualities without relying upon the retry technique of delay causing transmission.

Solution: MPEs 12a-12e communicate with an MC 16 through a multi-casting network 14. A data stream is distributed to the MPEs 12a-12e by using a nonhierarchical encoding technique and expressed as a set of the components of a sub-stream which can be reconstructed even when the number of the components is smaller than that of all components. The permission control to multicast sessions is managed by a distributing method. A permission control unit 18 opens a multicast stream so that the next permission control may be decided by means of the MPEs 12a-12e. The session management, etc., is performed in accordance with an RTCP(real time control protocol) and the above-mentioned components are transmitted based on an RTP(real time protocol).
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Other Abstract Info: DERABS G1999-266135

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Foreign References: ☐ No patents reference this one

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